

ABSTRACT OF THE DISCLOSURE

A system and method are disclosed for monitoring motor vehicle movement parameters, such as speed, location and acceleration, for assessing the driving habits of inexperienced drivers and rewarding good driving habits or punishing poor driving habits in order to reduce speed-related driving accidents. The system includes a hand-held, self-contained, portable device capable of being securely mounted to or locked on or within a motor vehicle and capable of sensing the instantaneous speed of the vehicle using a Global Positioning System (GPS), accelerometer, or both. The GPS location data along with elapsed time information may be used to calculate the speed and acceleration of the vehicle. Alternatively, separate acceleration and speed detecting devices may be used such as transducers. The system is operated by a parent or guardian of the driver or a commercial, governmental or private monitoring service. The method of operating the invention includes mounting the device, collecting vehicle monitoring data, comparing the data to pre-established standards and awarding a prize or administering a punishment.